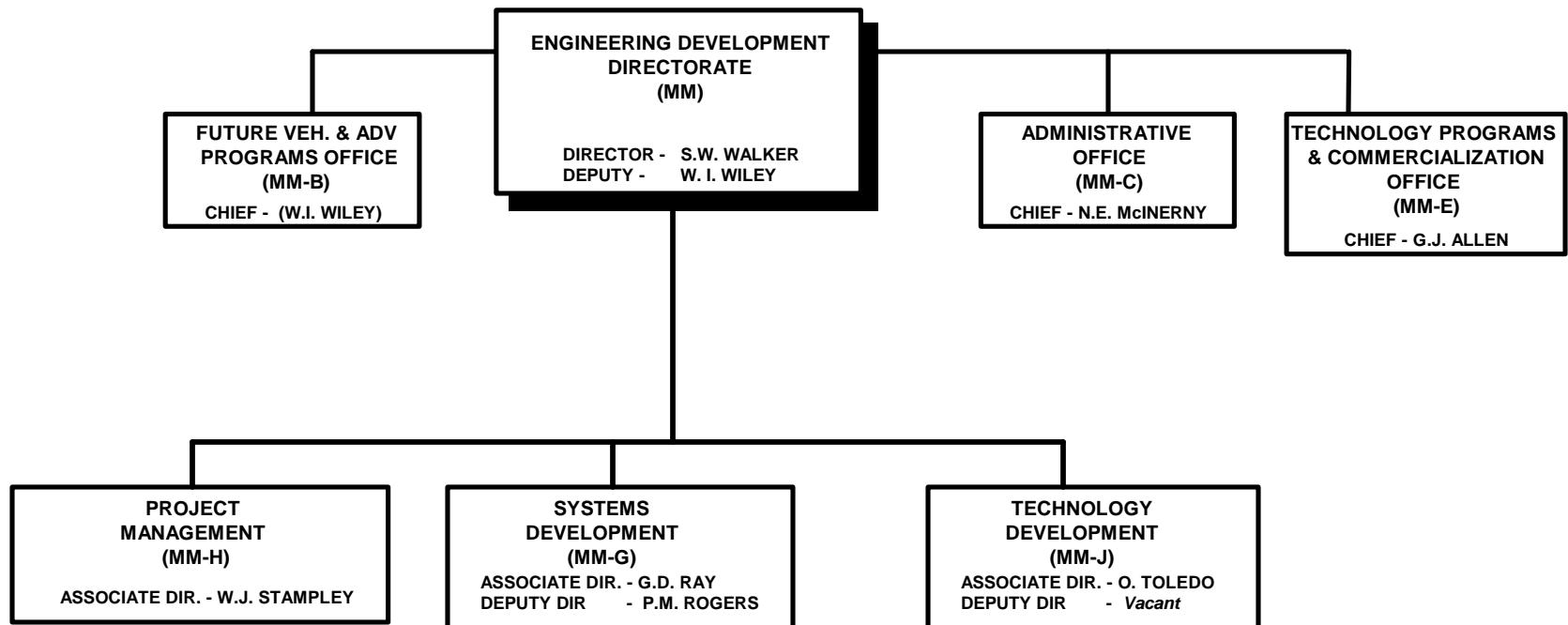


ENGINEERING DEVELOPMENT DIRECTORATE



Engineering Development (MM)

Walker, S. W.	Director
Wiley, W. I.	Deputy Director
Hilton, H. O.	Associate Director
Teague, M. P.	Secretary
Loun, B. L.	Secretary

ADMINISTRATIVE OFFICE (MM-C)

McInerny, N. E.	Chief
*Minor, E. R.	
*Brauer, F. M.	
Hepburn, P. A.	
(Williams, R. J.)	SIS

FUTURE VEHICLES AND ADVANCED PROGRAMS OFFICE (MM-B)

(Wiley, W. I.)	Chief
Evans, R. T.	
Brown, B. L.	
Feitshans, W.	
Letchworth, J. F. (Palmdale)	

* Matrixed to DP

** Matrix opportunity from other Directorates

TECHNOLOGY PROGRAMS AND COMMERCIALIZATION OFFICE (MM-E)

Allen, G. G.	Chief
Aliberti, J. A.	Deputy Chief
Shealy, J. W.	Tech. Asst.
Vrioni, B. A.	Patent Attorney
Socks, N. Y.	Paralegal Specialist
(Britton, L. G.)	Secretary
(Gregg, P.)	Clerical COOP

Technology Transfer and Commercialization

Thompson, K. G.	Lead
Makufka, D. R.	
*Nichlos, J. D.	
Vacant	

Technology Program Management

Poimboeuf, K. W.	Lead
Griffin, C. H.	
Richards-Gruendel, J. M.	
Vacant	

Technology Liaison

Culbertson, D. R.	Lead
Larsen, B. W.	
Williams, W. B.	
Bookman, P. J.	

PROJECT MANAGEMENT (MM-H)

Stampley, W. J. Associate Director
Kelley, J. A. Secretary

Integration Office

Heard, A. E.
Steinrock, T. A. EDC CTM
Travis, J. C.
Hatch, P. F.

**Advanced Development And
Shuttle Upgrades**

Collins, J. D.
Littlefield, M. D.
Schultz, L. L.
Shelton, C. D.
**Vacant

ISS/Payload

Manfredi, L.
Mack, T. L.

Shuttle/LSE Operations

Lopez-Tellado, M.
**Vacant

**CHECKOUT, CONTROL AND
DATA SYSTEMS LAB (MM-G1)**

Prince, W. M. Chief
 Morgan, L. Tech. Asst.
 Busick, H. D. Secretary
Operating Systems And Networks
 Vacant Lead
 Boatright, J. B.
 *Hammond, D. B.
 Roberts, D. L.
 Schnitzius, J. P.
 *Stover, S. R.
 Wong, S. C.

Human, Machine Interfaces

Stanley, P. C. Lead

*Engrand, P. A.

Koch, L. M.

Mullenix, P. A.

Sloan, W. R.

Verdier, M. J.

Real-Time Technology Dev.

*Porter, J. E. Lead

Banks, J. M.

Batterson, J. N.

*Davis, S. R.

*Gobaira, J. D.

Hornyak, D. L.

Santuro, S. A.

Embedded Technology Dev.

Vacant Lead

Alfonso, B. A.

Amos, M. E.

Byon, J. J.

Fredrickson, T. E.

Kruhm, D. A.

Mackey, P. J.

Integrated Communications

Vacant Lead

Denson, E. C.

Huang, P. T.

McKenzie, F. M.

Stute, R. A.

TECHNOLOGY DEVELOPMENT (MM-G)

Toledo, O.	Associate Director
Vacant	Deputy Associate Director
Vacant	Secretary
(Sellers, L.)	Secretary

**INSTRUMENTATION
LABORATORY (MM-G2)**

Helms, W. R.	Chief
Piotrowski, L.	Tech. Asst.
(Cherry, M.)	Secretary
Analytical Systems	
Lueck, D. E.	Lead
Adams, F. W.	
Mizell, C. A.	
Mogan, P. A.	
Sensors, Transducers And Data Aquisition	
Howard, R. M.	Lead
Boyd, S. W.	
Hall, G. A.	
Larson, W. E.	
Perotti, J. M.	
Ihlefeld, C. M.	
Software Development	
Vacant	Lead
Bertot, E. J.	
*Brooks, O.	
Gent, T. H.	
Lucena, A. R.	
O' Rourke, P. J.	
Ruby, A. J.	
Svedin, L. R.	
Vickers, J. S.	
Kromann, M. J.	
Lee, J.	

**AUTOMATED GROUND
SUPPORT SYSTEMS
LABORATORY (MM-G3)**

Jones, W. C.	Chief
Vacant	Tech. Asst.
(Gibney, M.)	Secretary
Automation And Robotics	
Lippitt, T. C.	Lead
*Celsor, J. H.	
Henderson, P. G.	
Hogue, M. D.	
Lopez Del Castillo, E. F.	
Morrison, R. L.	
*Ross, T. J.	
*Semmel, G. S.	
VanMeter, S. D.	
Bonner, T.	
Electrical Controls	
Ferrell, B. A.	Lead
Ballard, K. C.	
Bradley, A. J.	
Soto Toro, F. A.	

**DEVELOPMENT TESTING
LABORATORY (MM-G4)**

Poppert, J. F.	Chief
Vacant	Secretary
Mechanical	
Ceballos, D. J.	
Conley, C. R.	
Dininny, M. D.	
Fox, R. C.	
McAmis, H. R.	
Moscoso, G.	
Stroda, P. D.	
Boughner, K. L.	
Breakfield, R. A.	
Cartier, R. P.	
Rowell, D. E.	
Niehoff, J. P.	
Electrical	
Dickey, P. D.	
McLaughlin, D. S.	
Batterson, L. M.	
Lane, M. A.	
Taylor, B. J.	

SYSTEMS DEVELOPMENT (MM-J)

Ray, G. D. Associate Director
Rogers, P. M. Dep. Associate Director
Huddleston, N. G. Secretary

CHECKOUT, CONTROL AND DATA SYSTEMS DESIGN OFFICE (MM-J1)

*Fougnie, D. R. Chief
Shamrock, J. G. Tech Asst
(Lanoue, J.) Secretary

Systems Architecture

Nelson, R. A. Lead
Barnes, J. E.
Hand, L. J.
Kassak, J. E.
Scott, M. M.
*Thorne, S. A.
*Valencia, J. E.

Subsystems Design

Herring, T. L. Lead
Arnold, R. B.
Forney, C. S.
*Le, C. B.
*Lunceford, J. M.

*Niev, S. A.
Schafer, E. J.

Systems Support

*Clements, G. R. Lead
*Brauer, T. W.
*Weiss, R. F.
*Rosenberry, M. L.
*Strobush, T. L.

MECHANICAL AND ELECTRICAL GROUND SUPPORT SYSTEMS OFFICE (MM-J2)

Hall, R. D. Chief
Vacant Tech Asst
Burch, M. J. Secretary
Handling And Umbilicals
Porta, J. E. Lead
Colloredo, S. T.
Drake, T. E.
Littlefield, A. C.
Melton, G. S.
Mueller, R.P.

Transportation And Structures

Burris, D. E. Lead
*Artusa, E. A.
Schwindt, P. A.
Willard, D. E.

Fluids And Propellants

England, J. G. Lead
Baker, C. M
Fesmire, J. E.
Knudsen, P. N.
Rodriguez, A. F.
Adcock, D. L.

Electrical Systems

Clark, G. I. Lead
Davis, V. L.
Lewis, R.
Shawaga, L. M.
Smith, E. C.
Taylor, M. R.
Venegas, A.

Engineering Analysis

Howard, F. S.
Caimi, R. E.
Lonergan, M. J.
Thaxton, E. A.

SOFTWARE DESIGN OFFICE (MM-J3)

*Wilhelm, L. A. Chief
*Dawson, R. M. Tech Asst
*(Walsh, S.) Secretary
Systems Interfaces

Vacant Lead

*Anderson, B. G.
*Dalton, M. D.
*Quinn, S. M.
*Siemienksi, S. J.

Systems Applications

*Seaton, W. G. Lead

*Bryan, S. A.
*Burke, P. E.
*Dugger, C. C.
*Mangham, A. E.
*Ferrell, E. S.
*Hebert, W. C.
*Kennedy, K. I.

Systems Simulations

Vacant Lead
*Busto, J. M.
*Estes, G. S.
*Grant, K. J.
*Lostroscio, C. T.
*Taylor, N. G.
*Beaver, J. M.